

CLAIMS

I claim:

1. A child position monitoring system for detecting movement of a child, the system comprising:

a motion detection assembly, said motion detection assembly detecting when the child rolls over; and

a monitoring assembly operationally interacting with said motion detection assembly, said monitoring assembly providing an indication associated with motion detected by said motion detection assembly.

2. The system of claim 1, further comprising a coupling assembly for coupling said motion detection assembly to the child, said coupling assembly being wearable by the child.

3. The system of claim 2, wherein said coupling assembly comprises a coupling member selected from the group of coupling members consisting of a body suit, a vest, and a belt.

4. The system of claim 1, further comprising:
said motion detection assembly includes a transmitter assembly for sending a signal associated with motion detected;
said monitoring assembly further comprises a receiver assembly for receiving said signal associated with motion detected by said motion detection assembly.

5. The system of claim 4, wherein said transmitter assembly being adapted for wireless transmission of said signal and said receiver assembly being adapted for wireless reception of said signal.

6. The system of claim 1, further comprising a belt assembly for operationally coupling said monitoring assembly to a user.

7. A child position monitoring system for detecting movement of a child, the system comprising:

a motion detection assembly, said motion detection assembly detecting when the child rolls over, said motion detection assembly includes a transmitter assembly for sending a signal associated with motion detected;

a coupling assembly for coupling said motion detection assembly to the child, said coupling assembly being wearable by the child;

said coupling assembly comprises a coupling member selected from the group of coupling members consisting of a body suit, a vest, and a belt; and

a monitoring assembly operationally interacting with said motion detection assembly, said monitoring assembly providing an indication associated with motion detected by said motion detection assembly; said monitoring assembly further comprises a receiver assembly for receiving said signal associated with motion detected by said motion detection assembly.

8. The system of claim 7, further comprising:
a belt assembly for operationally coupling said monitoring assembly to a user;
an interconnection member operationally coupled between said motion detection assembly and said monitoring assembly, said interconnection member being elongate and flexible;
said monitoring assembly providing an indication associated with motion detected by said motion detecting assembly when said interconnection member is disconnected from either one of said motion detection assembly and said monitoring assembly.

9. The system of claim 8, wherein said indication associated with motion detected by said motion detecting assembly further comprises an audio alarm.

10. The system of claim 9, wherein said audio alarm is terminated upon reconnection of said interconnection member between said motion detection assembly and said monitoring assembly.

11. The system of claim 7, wherein said transmitter assembly being adapted for wireless transmission of said signal and said receiver assembly being adapted for wireless reception of said signal.

12. The system of claim 11, wherein said indication associated with motion detected by said motion detecting assembly further comprises an audio alarm.

13. The system of claim 7, wherein said indication associated with motion detected by said motion detection assembly being reset by actuating a reset means operationally coupled to said motion detection assembly.

14. The system of claim 1, further comprising:

a coupling assembly for coupling said motion detection assembly to the child, said coupling assembly being wearable by the child;

said coupling assembly comprises a coupling member selected from the group of coupling members consisting of a body suit, a vest, and a belt;

said motion detection assembly includes a first transceiver assembly for sending a signal associated with motion detected and receiving signals from said monitoring assembly; and

said monitoring assembly further comprises a second transceiver assembly for receiving said signal associated with motion detected by said motion detection assembly and transmitting signals to said motion detection assembly.

15. The system of claim 14, further comprising:

a microphone operationally coupled to said first transceiver assembly for transmitting a representation of ambient sounds near the child; and

a speaker member operationally coupled to said second transceiver for reproducing said representation of ambient sounds near the child.

16. The system of claim 15, wherein said indication associated with motion detected by said motion detecting assembly further comprises an audio alarm.

17. The system of claim 16, wherein said audio alarm is terminated upon reception of a reset signal transmitted from said monitoring assembly to said motion detection assembly.

18. The system of claim 16 further comprising:
a vibration means operationally coupled to said motion detection means, said vibration means providing a tactile stimulation to the child;

said vibration means being actuated by a vibration signal transmitted from said second transceiver assembly and received by said first transceiver assembly whereby the user may selectively control the tactile stimulation provided to the child.

19. The system of claim 16, further comprising:
an image capture means operationally interacting with said motion detection assembly, said image capture means selectively capturing at least one image associated with a child coupled to said motion detection assembly, said image capture means being operationally coupled to said first transceiver for routing a representation of said at least one image to said monitoring assembly; and

a visual display operationally coupled to said monitoring assembly, said visual display providing a visual signal associated with said representation of said at least one image to a monitoring user.

herein said vibration means being actuated by a vibration signal transmitted from said second transceiver assembly and received by said first transceiver assembly whereby the user may selectively control the tactile stimulation provided to the child.

20. A method of protecting a child from rolling off of a surface comprising:

providing a motion detection assembly, said motion detection assembly detecting when the child rolls over, said motion detection assembly includes a transmitter assembly for sending a signal associated with motion detected;

providing a coupling assembly for coupling said motion detection assembly to the child, said coupling assembly being wearable by the child, said coupling assembly comprises a coupling member selected from the group of coupling members consisting of a body suit, a vest, and a belt;

providing a monitoring assembly operationally interacting with said motion detection assembly, said monitoring assembly providing an indication associated with motion detected by said motion detection assembly; said monitoring assembly further comprises a receiver assembly for receiving said signal associated with motion detected by said motion detection assembly;

providing a belt assembly for operationally coupling said monitoring assembly to a user;

providing an interconnection member operationally coupled between said motion detection assembly and said monitoring assembly, said interconnection member being elongate and flexible;

coupling said interconnection member between said motion detection assembly and said monitoring assembly, said monitoring assembly providing an indication associated with motion detected

by said motion detecting assembly when said interconnection member is disconnected from either one of said motion detection assembly and said monitoring assembly;

detecting said indication associated with motion detected by said motion detecting assembly;

moving the child to an appropriate position and location upon detecting said indication; and

reconnecting said interconnection member between said motion detection assembly and said monitoring assembly.